

# Mars Construction, LLC

**Title:** Gas Scooter Design (Phase I in progress)

**File:** DES-Projects-027

**By:** Gjr

**Rev:** A

**Date:** 06/11/21

Design Variables need to be defined:

Design for Lunar and Mars vehicles.

## **Design Specifications:**

Propellant: Methane or compressed gas

Height:

Length:

Volume:

**Rocket Rover I**, personal vehicle using pressurized CO<sub>2</sub> as propellant for short hops near proximity to Mars Base. Intended for use as a maintenance vehicle.

**Rocket Rover II**, a multi-personal vehicle (1-4) using pressurized CO<sub>2</sub> as propellant for longer trips requiring shelter with life support systems for 1-2 days.

Both are intended for use as a maintenance or survey vehicles.